| 1 | 2 | 3 |
|---|---|---|
| 5 | Mangalore Thermal Power Project (6x167 MW) =1002 MW | The project is to be executed in the private sector. Various linkages are to be tied up. |
| *Small Hydro Projects* | | |
| 1 | Dhupeal Small Hydro Project (SHP) (2000 KW) | The project has been referred by the Karnataka Government to Ministry of Non-Conventional Energy Sources for accord of approval. The project is to be executed in private sector and is submitted for consideration. |
| 2 | Vrishabhavati SHP Site 'A' (100 KW) | The projects have been referred by the Govt. of Karnataka to the Ministry of Non-Conventional Energy Sources for appraisal for execution in the private sector. |
| 3 | Vrishbhavati SHP Site 'B' (50 KW) | |

According of techno-economic clearance of power schemes is dependent upon availability of various inputs, certain statutory and other clearances from other Ministries/agencies and timely submission of requisite replies/ clarifications from the project authorities.

**Loans from Power Finance Corporation to Private Sector**

967. SHRI V. HANUMANTHA RAO: Will the Minister of POWER be pleased to state:

(a) whether it is a fact that the Power Finance Corporation propose to extend loans and finances to the private sector in setting up power plants;

(b) if so, the details thereof;

(c) whether Government propose to formulate a scheme to encourage medium and small entrepreneurs to implement mini-hydel projects; and

(d) if so, the details of action initiated in this regard?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI P.V. RANGAYYA NAIDU): (a) No, Sir.

(b) Does not arise in view of (a) above.

(c) and (d) Establishment of small and mini-hydel projects by Entrepreneurs is being encouraged through grant of fiscal concessions, capital subsidy and soft loan assistance through Indian Renewable Energy Development Agency (IREDA).

**Power Shortage in Andhra Pradesh**

968. SHRI V. HANUMANTHA RAO: Will the Minister of POWER be pleased to state:

(a) what is the estimate of power shortage in Andhra Pradesh by the end of the 8th Five Year Plan;

(b) how will this shortage be met; and

(c) the details of proposals of Andhra Pradesh Government for power projects which are pending for clearance?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI P.V. RANGAYYA NAIDU): (a) CEA estimates an energy shortage of 30% in the terminal year current plan.

(b) In order to mitigate the power shortage in the State of Andhra Pradesh

various measures are being taken including inter-regional power transfer expediting commissioning of new generating capacity, improving the performance of existing power stations, reduction of Transmission and Distribution losses, implementation of demand side management and energy conservation measures. It is envisaged to add 1303.6 MW capacity in Andhra Prdesh during the 8th Five Year Plan. In addition, the State will also get its due share from the Central sector Projects which are being set up in Southern Region.

(c) The following power projects of Andhra Pradesh have been referred to Central Electricity Authority for accord of techno-economic clearnace:—

| Sl.No. | Name of the Project | Capacity(MW) | Remarks |
|---|---|---|---|
| 1 | 2 | | 3 |
| 1 | Jegurupedu GTCC of M/s. GVK Industries | 216 | Techno-economic clearance accorded by CEA on 12.11.93 subject to (i) approval for deviation from tariff notification (ii) review after financial closure (iii) submission of financial package. |
| 2 | Godavari GTCC of M/s. Spectrum Power Generation Ltd. | 198 | Techno-economic clearance accorded by CEA on 14.12.93 subject to (i) approval for deviation from tariff notification (ii) review after financial closure (iii) submission of financial package. |
| 3 | Visakhapatnam TPS of M/s. Ashok Leyland and National Power PLC of UK | 2x500 | Under examination in CEA |
| 4 | Kothagudem TPS St.V of APSEB | 2x250 | Coal linkage is yet to be be approved whereafter investment approval would need to be sought. |
| 5 | Krishnapatnam TPS ST.I of APSEB. | 2x500 | Under examination in CEA. Certain inputs/clearances e.g. compliance of Section 29 of E(S) Act, 1948, coal linkage, water availability associated transmission system etc. are yet to be tied up. |
| 6 | Ramagundem TPS Extn. of APSEB. | 2x500 | do |
| 7 | Priyadarshani Jurala H.E.P. | 6×36.9 | Forest and environmental clearance awaited where after investment approval would be sought. |

| 1 | 2 | 3 |
|---|---|---|
| 8 | Singur H.E.P. | 2x7.5 Environmental clearance awaited. However, this project has been posed for availing German financial assistance. |

**Tripping of Northern Grid**

969. DR. MURLI MANOHAR JOSHI:
SHRI TRILOKI NATH CHATURVEDI:

Will the Minister of POWER be pleased to state:

(a) whether Government have enquired into the massive power tripping in the northern grid in recent months; if so, the details thereof; and

(b) whether some State Governments have been overdrawing power and if so, what steps Government propose to take in this regard?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI P.V. RANGAYYA NAIDU): (a) During recent months, there was one major northern grid disturbance on 15.1.94 at 0900 hours when lines emanating from 400 KV Kanpur-Panki sub-stattion tripped on fault. This resulted in power supply failure in parts of Delhi, Northern Rajasthan and U.P. While no Committee was constituted by the Govt., the matter was discussed and reasons for the failure gone into by the Northern Regional Electricity Board

(b) The details of entitlement/actual drawal from the Central Sector Stations in the Northern region during April-January, 1994 are given below:-

(Figures in million units)

| Name of the State/System | Entitlement | Act. Drawal |
|---|---|---|
| Delhi | 4649.4 | 4106.2 |
| Haryana | 2987.7 | 3875.7 |
| Himachal Pradesh | 677.7 | 378.2 |
| Jammu & Kashmir | 2296.2 | 1844.1 |
| Punjab | 3815.1 | 3433.1 |
| Rajasthan | 3701.5 | 4444.7 |
| Uttar Pradesh | 10686.7 | 10599.0 |
| Chandigarh | 175.3 | 144.1 |
| Bihar | — | 164.5 (Assistance no entitlement) |
| B.B.M.B. | — | 0.0 |
| Total | 28989.6 | 28989.6 |

It will be seen from the above that only Haryana and Rajasthan have overdrawn. Both the SEBs have been advised to take appropriate load management steps to avoid overdrawal.

**Power Breakdown due to fault in Northern Grid**

970. SHRI KRISHNA KUMAR BIRLA: Will the Minister of POWER be pleased to state:

(a) whether the entire northern parts